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		SCLOSURE	First Named Inventor	Lain-Yen Hu			
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1	of	5	Attorney Docket Number	PC32134A			

			U, S. PATEN	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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		Country Code ³ "Number ⁴ "Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	Ľ
7SY/		WO03/093243A1	11-13-2003	Aventis Pharma		
ISYI		WO2006/024942A1	03-09-2006	Warner-Lambert Co LLC		
/SY/		WO2006/006065A1	01-19-2006	Warner-Lambert Co LLC		
/SY/		WO2005/102990A1	11-03-2005	Warner-Lambert Co LLC		<u> </u>
7 S Y/		WO2006/049952A1	05-11-2006	Eli Lilly and Co.		L
/SY/		WO02/085860A1	10-31-2002	Pfizer Limited		

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Attorney Docket Number PC32134A

			U. S. PATENT D	OCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (f known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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		Country Code ³ "Number ⁴ "Kind Code ⁵ (<i>if known</i>)	MM-DD-YYYY		Or Relevant Figures Appear	To
/SY/		WO2005/108361A1	11-17-2005	Janssen Pharmaceutica		<u> </u>
7SY/	<u> </u>	EP0684235A1	11-29-1995	Mochida Pharm. Co.		
/SY/		EP0601977A1	06-15-1994	CIBA-GEIGY AG		
-/SY/		EP0080371A1	06-01-1983	Takeda Chem Ind.		lacksquare
/SY/		DE2301541	09-06-1973	Miles Labs Inc		L
/SY/		WO02/057215A2	07-25-2002	Advanced Medicine, Inc.		

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		Country Code ³ "Number ⁴ "Kind Code ⁵ (<i>if known</i>)	MM-DD-YYYY			۳
/SY/		WO98/33779	08-06-1998	Dong Wha Pharm. Ind.	·	
/SY/		WO2004/018386A2	03-04-2004	Merck & Co., Inc.		
7SY/		WO03/074473A2	09-12-2003	University of Tennessee		
/SY/		WO2005/049574A1	06-02-2005	Warner-Lambert Co LLC		
7SY/		WO2005/100305A1	10-27-2005	Warner-Lambert Co LLC		

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STA	STATEMENT BY APPLICANT			First Named Inventor	Lain-Yen Hu
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		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
ISYI		Database Caplus Online Chemical Abstracts Service, Columbus, Ohio US BERO, S,S. ET AL, "chemotherapeutic antidines X. Substituted 4,4'-diamidino-omega, omega,-diphenoxyalkanes and diphenyl ethers XP002333841 retreived from STN Database accession no 1949:50548 abstract & Journal of the Chemical Society Abstracts, 1949, pages 642-648	
/SY/		Database Caplus Online Chemical Abstracts Service, Columbus, Ohio US KRATZL, K. ET AL: "Chemistry of vanillin and its derivatives X. Amidines imidazolines, and tetrahydropyrimidinediones with quaiacol substituents" XP002333842 Retrieved from STN Database accession no. 1958:65868 abstract & Monatshefte Fuer Chemie, 88, 1957, pages 1056-1063	
/SY/		Database Caplus Online Chemical Abstracts Service, Columbus, Ohio US DAVIS, M.: "Search for chemotherapeutic amidines. XV. 2-Methoxy and 2-hydroxy derivatives of 1,5-bis(p-amidinophenoxy) pentane" XP002333843 retrieved from STN Database accession no. 1958:82447 abstract & Journal of the Chemical Society, Abstracts, 1958, pages 907-908	
/SY/		DATA BASE CA Online Chemical Abstracts Service, Columbus, Ohio, US; FERRONI, R. Et al., "Aromatic tetra- amidines: synthesis of halo-derivatives and their antiproteolytic activity" XP002333844 retrieved from STN Database accession no. 1985:91904 abstract & Farmaco, Edizione Scientifica, vol 39, no 11, 1984, pages 901-909	
ISYI		DATA BASE CAPLUS Online Chemical Abstracts Service, Columbus, Ohio US LEZNOFF, CLIFFORD C ET AL: "Metallophthalocyanine dimers incorporating five-atom covalent bridges" XP002333845 retrived from STN Databse accession no. 1985:447150 abstract & Canadian Journal of Chemistry VOI. 63, no. 3, 1985, pages 623-31	
/SY/		DATA BASE CAPLUS Online Chemical Abstracts Service, Columbus, Ohio US WOEHRLE, DIETER ET AL: "Polymeric phthalocyanines and their precursors. 15. Syntheses of alkylenedioxy-bridged polymeric phthalocyanines and their absorption capacities for organic solvents in comparison to other phthalocyanines" XP002333&46 retrieved from STN Database accession no. 1988:493734 abstract & MAKROMOLEKULARE CHEMIE, vol. 189, no. 6, 1988, pages 1229-38	
ISYI		GERATZ. J.D. ET Al.: "Diamidino-alpha., omegadiphenoxyalkane s. Structure-activity relations for the inhibition of thrombin, pancreatic kallikrein, and trypsin" JOURNAL OF MEDICINAL CHEMISTRY, vol. 16. no. 9, 1973, pages 970-975, XP002333840 table VI, compounds 27-30, 32-34, 37	
JSYI		DATABASE CAPLUS Online CHEMICAL ABSTRACTS SERVICE, COLUMBUS. OHIO US, CSOKAI, VIKTOR ET AL: "Microwave-assisted synthesis of phtalonitriles and phthalocyanines"XP002333847 retrieved from STN Database accession no. 2003;416216 abstract & SYNTHETIC COMMUNICATIONS, vol. 33, no. 10, 2003, pages 1615-1621	
/SY/		DATABASE CAPLUS, Online CHEMICAL ABSTRACTS SERVICE. COLUMBUS, OHIO. US: EASTMOND, G.C. ET AL: "Polyimides with main-chain ethylene oxide units:synthesis and properties" retreived from STN Database accession no. 2002;264464 abstract & POLYMER, vol. 43, no. 12, 2002, pages 3455-3468	
/SY/		DATABASE CAPLUS. Online CHEMICAL ABSTRACTS SERVICE. COLUMBUS, OHIO, US; ZHANG, YISHENG ET AL. "Tetranuclear Hexanuclear, and Octanuclear Copper (II) Complexes of a Series of Novel Dendritic Poly(phthalazine) Ligands' XP002333849 retrieved from STN Database accession no. 1995:875232 abstract & Inorganic Chemistry, vol 34, no 23, 1995, pages 5870-5877	

Examiner /Shawquia Young/	Date Considered	11/21/2007
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STA	STATEMENT BY APPLICANT			First Named Inventor	Lain-Yen Hu		
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Sheet	5	of	5	Attorney Docket Number	PC32134A		

		NON PATENT LITERATURE DOCUMENTS	
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/SY/		DATABASE CAPLUS, Online CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; KOBAYASHI, NAGAO ET Al.: "Optically active phthalocyanines and their circular dichroism" XP002333850 retreived from STN Database accession no. 1993;652129 abstract & JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, vol. 115, no. 23, 1993, pages 10994-10995.	
ISYI		DATABASE CAPLUS, Online CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; KELLER, TEDDY M. ET AL: "Synthesis of phthalonitriles by nitro displacement" XP002333851 retrieved from STN Database accession no. 1981:442589 abstract & SYNTHESIS, no. 8, 1980, page 613	
/SY/		DATABASE CAPLUS, Online CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; DANN, OTTO ET AL: "Syntheses of biscationi, trypanocidal 1-benzofuran compounds" XP002333852 retrieved from STN Database accession no. 1983:53580 abstract & LIEBIGS ANNALEN DER CHEMIE. no. 10, 1982, pages 1836	
/SY/		Co-pending commonly assigned, United States patent application Serial Number 11/415,935 filed May 2, 2006 now published as 2006-0252796A12 on 11/09/2006.	
/SY/		Co-pending commonly assigned, United States patent application. Serial Number 11/175,097 filed July 5, 2006 now published as 2006-0009427A1 on 01/12/2006.	
/SY/		Co-pending commonly assigned, United States patent application Serial Number 11/572,760 filed August 8, 2005.	
/SY/		Co-pending commonly assigned. United States patent application Serial Number 11/572,743 filed August 5, 2005.	
/SY/		Co-pending commonly assigned. United States patent application Serial Number 10/599,719 filed April 14, 2005.	
/SY/		Co-pending commonly assigned, United States patent application Serial Number 60/706,413 5 filed August 5, 2005.	
/SY/		Co-pending commonly assigned. United States patent application. Serial Number 11/572,748 filed filed August 22, 2005.	

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7SY/		^{US-} US2003/0175445	09-18-2003	Kirsch et al	
/SY/		US-US2003/0229129	12-11-2003	K. T. Kraemer et al	
/SY/		US-US2003/232882A1	12-18-2003	D.D. Miller et al	
1SYI		US-US2005-0182132A	08-18-2005	Lain-Yen Hu et al	
7SY/		US2006-0009427A	01-12-2006	Lain-Yen Hu et al	
/SY/		US-US4029493A	06-14-1977	R. J. Theissen	
<i>I</i> SY/		US- US4234595A	11-18-1980	W. E. Kreighbaum	
<i>I</i> SY/		US-US4536321	08-20-1985	S. Sugimori et al	
1SYI		US-US4992433A	02-12-1991	R. A. Stokbroekx	
7SY/		US-US5108652	04-28-1992	R. Eidenshink	t
7SY/		US-US5316755A	05-31-1994	C. R Illig et al	
/SY/		US-US5847166	12-08-1998	S. L. Buchwald	
ISYI		US-US5910493	06-08-1999	S. Golbs	
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		FORE	IGN PATENT DOC	UMENTS		
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		DE3515633A	11-06-1986	Werck Patent GlvIBH		匚
7SY/		DE3825170A1	01-25-1990	Hoechst AG		\lor
		DE4017019A1	11-28-1991	Hoeclist AG		匚
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/SY/		EP0673986 A2	03-17-1995	Hitachi LTD	•	

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First Named Inventor Lain-Yen Hill

Art Unit Examiner Name

Attorney Docket Number

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	FOREIGN PATENT DOCUMENTS							
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/SY/		EP0790235A1	08-20-1997	Sankyo Co. LTD				
/SY/		EP0119756	09-26-1984	Chisso Corp				
ISYI		EP0579223	10-09-1996	Mitusbishi Chem Corp				
/SY/		EP0609587A	08-10-1994	Sterling Winthrop Inc				
/SY/		EP0707007B1	12-12-2001	Merck Patent GMBH				
/SY/	<u> </u>	EP100172B1	08-12-1987	Imperial Chemical Ind.				

Examiner Signature	/Shawquia Young/	Date Considered	11/21/2007

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				Application Number	10/599,143	
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				First Named Inventor	Laiu-Yen Hu	
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			U. S. PATENT D	OCUMENTS	
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/SY/		EP1070753 A2	01-24-2001	Hitachi, Ltd		
/SY/		EP1123933A1	08-16-2001	Merck Patent GmbH		
/SY/		EP1325910A1	07-09-2003	Tanabe Seiyako Co.		L
/SY/		EP1348433A		Abstract		L
/SY/		EP1348701A		Abstract		L
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		Country Code ³ "Number ⁴ "Kind Code ⁵ (# known)	MM-DD-YYYY			T
ISYI,		EP0002309	12-01-1982	Imperial Chem. Ind.		
TSY/	1 .	GB1369696 A	10-09-1974	Bayer AG		
1011		GB2278054A	11-23-1994	Zeneca Limited		
ISYI		GB2347423A		Abstract		
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7SY/	1	JP5310616 (trans)	11-22-1993	Dainippon Ink & Chem	•	

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			U. S. PATENT D	OCUMENTS	
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		Country Code ³ "Number ⁴ " Kind Code ⁵ (# known)	MM-DD-YYYY		Or Relevant Figures Appear	T ⁶
/SY/		JP8325154	12-08-1996			
/SY/		WO94/05153A	03-17-1994	Du Pont		
/SY/		WO0037430	06-29-2000	Biophysica, Inc.		
/SY/		WO01/56989 A2	08-09-2001	Cor Therapeutics Inc		
/SY/		WO02/06196	01-24-2002	Merck & Co. Inc		
/SY/		WO02/090332A2	11-14-2002	Astrazeneca AB	·	

Examiner Signature	/Shawquia Young/	Date Considered	11/21/2007

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Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (F known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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		Country Code ³ "Number ⁴ "Kind Code ⁵ (<i>if known</i>)	MM-DD-YYYY		Or Relevant Figures Appear	T°
/SY/		WO0218333A	03-07-2002	Pfizer Limited		
JSYJ		WO03068217A	08-21-2003	Endorecherche Inc		
1511		WO200034247A		Abstract		
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/SY/		WO2005042464A1	05-12-2005	Karo Bio AB					
/SY/		WO2005080320A1	09-01-2005	Warner-Lambert Co. LLC					
/SY/		WO2006/018723 A2	02-23-2006	Warner-Lambert Co. LLC					
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ISYI		WO95/28969	11-02-1995	Hitachi, Ltd.					

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	ORMATION			First Named Inventor	Laiu-Yen Hu	
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Sheet	1	of	4	Attorney Docket Number	PC32134A	

U. S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
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FOREIGN PATENT DOCUMENTS								
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7SY/		WO9510521A1		Abstract	·			
7SY/		WO9735845A1		Abstract				
7SY/		WO99/08673A	02-25-1999	Bristol-Myers Squibb		L		
/SY/		WO99/17777	04-15-1999	Merck & Co. Inc.				
/SY/		WO2005000794	01-06-2005	Orion Corp.		L		
ISYI		WO2005013914A	02-17-2005	Vertex Pharm Inc.	•			

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Examiner Signature	/Shawquia Young/	Date Considered	11/21/2007

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				First Named Inventor	Lain-Yen Hu	
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/SY/		WO02060896A	08-08-2002	Pfizer Products Inc	·	
ISYI		WO03/065992A	08-14-2003	GTX Inc.		
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Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.); date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/SY/		Abstract:: ARNOLD, DONALD R. et al., Radical ions in photochemistry. Part 20. The photochemical nucleophile-olefin combination, aromatic substitution reaction. Canadian Journal of Chemistry (1988) 66 (12), 3012-26.	
ISYI		GREGORIO ASENSIO ET AL., Synthesis of an enantiopure 2-arylcyclohexanols form prochiral enol acetates by an enantioselective protonation/diasteroselective reduction sequence, Tetrahedron: Asymmetry 14(2003) 3851-3855.	
/SY/		ALEXANDRE ALEXAKIS ET AL., Enantioselective Nucleophilic Opening fo meso Epoxides by Organolithium Reagents, SYNLETT October 1998, pages 1165-1167.	
/SY/		SHANKAR M. SHINGH ET AL., Androgen Receptor Antagonists (Antiandrogens): Structure-Activity Relationships, Current Medicinal Chemistry, 2000, 7, 211-247.	
ISYI		Derwent English Abstract of Gennan Patent Application (DE3939116A1)	
/SY/		Micropatent English Abstract of Japanese Patent (JP2001-247411)	
/SY/		BOHL, CASEY E., ET AL, Structural basis for antagonism and resistance of bicalutamide in prostate cancer, PNAS, April 26, 2005, vol. 102, no. 17 pages 6201-6206.	
/SY/		PALUCKI, M. et al., "Palladium-catalyzed intermolecular carbon-oxygen bond formation; A new sysnthesis of aryl ethers" J. Am. Chem. Soc., 1997, Vol. 119, nr. 14, pgs 3395-3396.	
/SY/		Related Co Pending United States Application 11/053,010	
/SY/		DATABASE CA [Online] Chemical Abstracts Service, Columbus, Ohio, US: YASUDA, KOSUKE et al: "Preparation of aliphatic nitrogenous five-membered ring compounds as dipeptidyl peptidase IV inhibitors" XP002350473 retrived from STN Database accession no. 136:325560	

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Substitute for form 1449/210				Application Number	10/599,143	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Filing Date		
				First Named Inventor	Lain-Yen Hu	
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Examiner Cite Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume number(s), publisher, city and/or country where published.							
/SY/		DATABASE CA [Online] Chemical Abstracts Service, Columbus, Ohio, US; CHAKI, FIISAAKI ET AL: "Preparation and formulation of alkylsulfonylbiphenyl and aminosulfonylbiphenyl derivatives as selective COX-2 inhibitors" XP002350472 retrieved from STN Database accession no 125:300608					
/SY/		PATENT ABSTRACTS OF JAPAN vol. 013, no. 021 (C-560), 18 January 1989 (1989-01-18) & JP 63227502A (SDS BIOTECH KK), 21 September 1988 (1988-09-21)					
/SY/		REILING B A ET AL: "Effect of prenatal androgenization on performance, lactation, carcass, and sensory traits of heifers in a single-calf heifer system" JOURNAL OF ANIMAL SCIENCE, vol. 73, no. 4, 1995, pages 986-992, XP0088065209 ISSN: 0021-8812					
/SY/		HEITZMAN R J: "The effectiveness of anabolic agents in increasing rate of growth in farm animals; report on experiments in cattle." ENVIRONMENTAL QUALITY AND SAFETY. SUPPLEMENT, 1976, no. 5, 1976, pages 89-98, XP008065222 ISSN: 0340-4714					
/SY/		BOTZKI, SALMEN: "Structure based design" COMINATORIAL SCIENCE, vol. 24, no. 4, 2005, pages 458-469, XP008065218					
/SY/		LOEFFLER L J ET AL: "Synthesis of Isosteres of P-Amidinophenylpyruvic Acid Inhibitors of Trypsin, Thrombin, and Pancreatic Kallikrein" 1 March 1975 J. Of Med Chem, Amer. Chem. Soc. Wash. Pages 287-292 XP000574801 ISSN: 0022-2623					

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